

ABSTRACT OF THE DISCLOSURE

A reciprocating compressor, being small-sized and compact, for compressing hydrogen gas to be used in a fuel-cell car, has a crankshaft, to which an end of a connecting rod is connected.

5 The other end of the connecting rod is connected to a crosshead. To the crosshead are connected a pair of shafts, each extending in directions opposing to each other. To each of the shafts is connected a plunger. The each plunger is received within a cylinder at the tip portion thereof. A pair of plungers moves reciprocally
10 on an almost same axis, and the crosshead is formed in one body.